

Sir:  
Transmitted herewith for filing is the Patent Application of:  
Inventor: **KUO-CHI TU**  
For: **A NOVEL RANDOM ACCESS MEMORY (RAM) CAPACITOR IN SHALLOW TRENCH ISOLATION WITH IMPROVED ELECTRICAL ISOLATION TO OVERLYING GATE ELECTRODES**

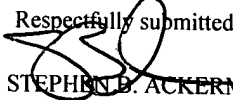
Enclosed are:

- ☒ 7 sheets of drawing(s) - formal.  
☒ An assignment of the invention to **Taiwan Semiconductor Manufacturing Co.**  
☐ An associate power of attorney ☐ Applicant claims small entity status  
☐ Request & Certification under 35 USC 122(b)(2)(b)(i)

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 770.
TOTAL CLAIMS	32 -20=	12	x 18 =	\$ 216.
INDEP CLAIMS	2 -3=	0	x 86 =	\$ 0.
SUB TOTAL				\$ 986.
ASSIGNMENT				\$40.
TOTAL				\$ 1,026.

- ☒ Please charge my Deposit Account No. 19-0033 in the amount of **\$ 1,026**. A duplicate copy of this sheet is enclosed.  
☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0033. A duplicate copy of this sheet is enclosed.  
☒ Any additional filing fees required under 37 CFR §1.16.  
☒ Any patent application processing fees under 37 CFR §1.17.

Respectfully submitted,  
  
STEPHEN B. ACKERMAN, REG. NO. 37,761

**EXPRESS MAIL CERTIFICATE**

Express Mail No. **EV385357638US**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to Assistant Commissioner of Patents, Alexandria, VA, 22313-1450. Applicant and/or Attorney requests the date of deposit as the Filing Date.

1/14/04  
Date of deposit

  
Signature / Date 1/14/04